

**BEGA****31 071**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded wall luminaire with high protection class.

A luminaire made of aluminium alloy and crystal glass.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Colour graphite or bronze  
Borosilicate glass  
Silicone light diffuser  
Mounting plate with 2 fixing  
holes  $\varnothing$  4.4 mm · 60 x 95 mm spacing  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-12 mm  
Connecting terminal 2.5<sup>□</sup>  
with plug connection  
Earth conductor connection  
BEGA Ultimate Driver®  
Complies with flicker requirements in  
accordance with IEEE 1789,  
DIN IEC/TR 63158, DIN IEC/TR 61547-1  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
BEGA Thermal Control®  
Temporary thermal regulation to protect  
temperature-sensitive components without  
switching off the luminaire  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK02  
Protection against mechanical  
impacts < 0.2 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 2.6 kg  
 This product contains light sources of energy  
efficiency class(es) C

### Inrush current

Inrush current: 5 A / 40  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:

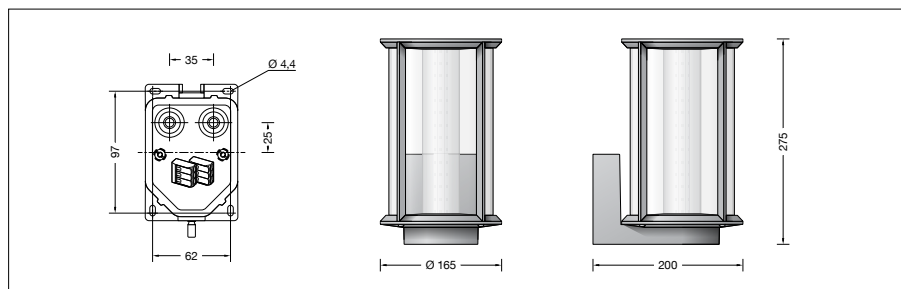
B 10A: 50 luminaires  
B 16A: 50 luminaires  
C 10A: 80 luminaires  
C 16A: 80 luminaires

### Lamp

Module connected wattage	9.5 W
Luminaire connected wattage	10.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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Module designation	LED-1324/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1835 lm
Luminaire luminous flux	894 lm
Luminaire luminous efficiency	82,8 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	> 200,000h (L 80 B 50) 100,000h (L 90 B 50)

Ambient temperature max. $t_a = 50$ °C (100 %)	
LED psu:	50,000h
LED module:	140,000h (L 80 B 50)

### Lighting technology

Luminaire data for the light planning program  
DIALux for outdoor lighting, street lighting and  
indoor lighting, as well as luminaire data in  
EULUMDAT and IES format are available on the  
BEGA website at [www.bega.com](http://www.bega.com).

### Ratio of luminous flux

Luminous flux upper half-space	50,8 %
Luminous flux lower half-space	49,2 %

BUG rating according to IES TM-15-07:  
0-3-1

CEN Flux Code according to EN 13032-2:  
8-31-63-49-100-8-32-64-51

### Article No. 31 071

Colour graphite or bronze  
graphite – article number  
bronze – article number + **B**